

Abstract

A multirow multinozzle continuous inkjet head comprises a plurality of rows of inkjet nozzles ejecting drops in regions of airflow velocity within a collinear flow of air. The airflow velocity at all nozzles is equal, but lower than the highest airflow velocity within the collinear flow of air. This allows many more drop streams to be placed in a velocity-matched airstream. Despite the drops being in regions with air velocity gradients across the drops, it is found that the lateral forces are such that droplet placement on the print media surface is accurate and well controlled..